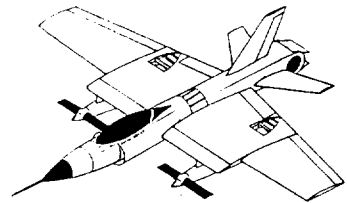


87-268
MMD

G
O
Vtol
Aircraft
Research Co.

ORIGINAL
FILE



To: The Honorable George Bush, President
1600 Pennsylvania Ave, The White House
Washington, D.C. 20001

cc: Senate
Congress

From: Mr. Wayne Govar, president
GOVAR VTOL Aircraft Research Co
-1215- West 48th Street
North Little Rock, AR 72118

RECEIVED
AUG - 7 1989

subject: H.D.T.V. (High Definition TV) & Electronic Pollution
Federal Communications Commission
Office of the Secretary

SIR,

NLR, Apr 5, 1989

You should delay hasty decisions to place into law, new
'relaxed' standards for electronics advertising and communication,
ie, HDTV. Hearings are being conducted now to do just that.
More study of the PRO and CON positions is needed.

-PROs*

1. HDTV could raise the prices of new TV sets to \$2,000.00 to \$4,000.00 a windfall for electronic manufacturers.
2. HDTV could improve TV sound quality and Picture sharpness.
3. HDTV could have certain military and surveillance advantages.

-CONs*

1. HDTV will increase the screen scan rate of a 24,000 volt electron gun from 525 lines to 1,050 or 1,125 lines at the current standard of 59.94 images/sec. That doubles the X-ray emission hazard to viewers, but will kids be required to sit twice as far from the TV?
2. The HDTV information rate fed viewers will be dangerous. Mental fatigue, stress, impaired learning ability, sleep loss, and reduced worker productivity can be expected from high frequency advertising in high density audio and visual signals. Further, confusion, disorientation, and frustration will result from an inability to mix tasks like talking to persons in the room, reading, talking on the phone, or doing written work in another room as a result of use of subliminal advertising and subliminal programming "background" enhancement to increase ratings.
3. High Energy HDTV electronic signals transmitted across the nation will be increased at a time when they should be DECREASED. HDTV proposals include the use of multiple channel single station signals that use adjacent reserve channels. Broadband, higher strength signals are a greater health hazard and environmental threat. As many as 8 powerful frequency channels will be present where one now exists if HDTV transition proposals are accepted as is.
4. Air Travel will become more hazardous with Higher Density, more powerful broadband transmissions, especially if they are micro-wave encoded.

Wayne Govar

-Cons-

5. Hours and hours of viewing HDTV will result in visual impairment, accelerated ageing, possible birth defects, sterility, dehydration, disorientation, heart muscle & nervous systems disorders, and other human health problems.

Droughts, food & livestock production, planet air gas mix, fuel efficiency, labor productivity, and planet ozone protection are but a few of the economic items affected adversely by high strength, high density, multiplexed, broadband electronic (HDTV) signal transmissions as proposed.

* I believe TV receiver technology can be improved to give the same improved image and contrast being sold as HDTV. Sound Quality can also be improved on the received end without increasing electronic pollution hazards.

* Internal and External TV emission standards must be tightened.

* Studies are needed for the health effects of Directed Energy Electronic Transmissions, biochemical effects, and environmental electro-chemical effects.

* Controls and deterrents are recommended for any electronic systems that have capability to "influence any one anytime" or "influence with extreme prejudice".

Yours truly,



Wayne Govar, president
GOVAR VTOL Aircraft Research
-1215- West 48th Street
North Little Rock, AR 72118

reference: MX Rail Garrison EIS, USAF Feb89, Vol II-Item 226
My letter dated Aug 9, 1988 2 pages, page 2-89